

WHAT IS CLAIMED IS:

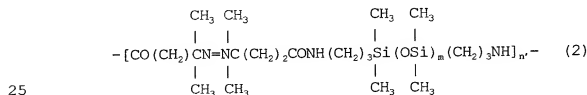
1. A polymer composition comprising (A) a polymer having a silicon atom bound to a hydrolytic group and/or a hydroxyl group, in which the maximum size of particles contained therein is 2  $\mu\text{m}$  or less, and the number of particles having a size of 0.2  $\mu\text{m}$  to 2  $\mu\text{m}$  is 1,000 particles/ml or less.

2. The polymer composition according to claim 1, which further contain (B) at least one component selected from the group consisting of an organosilane represented by the following general formula (1), a hydrolyzate of the organosilane and a condensate of the organosilane:



wherein,  $R^1$ , which may be the same or different when two or more  $R^1$  groups are present, represents a monovalent organic group having 1 to 8 carbon atoms; X represents a halogen atom or an alkoxyl or acetoxyl group having 1 to 8 carbon atoms; and n is an integer of 0 to 2.

3. The polymer composition according to claim 1 or 2, which further contain a compound having a recurring unit represented by the following general formula (2):



wherein m is from 5 to 250, and  $n'$  is from 4 to 40.

4. The polymer composition according to any one of claims

1 to 3, wherein the polystyrene-converted weight-average molecular weight of component (A) is from 1,000 to 100,000.

5. The polymer composition according to any one of claims 1 to 4, which further contains (C) a photoacid generating agent.

5 6. The polymer composition according to any one of claims 1 to 5, which further contains (D) a dehydrating agent.

7. A cured product obtained by coating a substrate with the polymer composition according to any one of claims 1 to 6, and subjecting the composition to heat curing and/or photo-curing.

10 8. The cured product according to claim 7, wherein a surface of the substrate has an arithmetical mean roughness of 0.5  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less.

9. The cured product according to claim 7, wherein the substrate is a film whose surface has an arithmetical mean roughness  
15 of 0.5  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less.

10. The cured product according to claim 7 or 8, wherein a surface of the cured product has an arithmetical mean roughness of 0.2  $\mu\text{m}$  or less and/or a maximum height of projections thereon  
20 of 2  $\mu\text{m}$  or less.

11. The cured product according to any one of claims 7 to 10, wherein the surface of the cured product has a hydroxyl group concentration of 10% or less.

12. The cured product according to any one of claims 7 to  
25 11, wherein the surface of the cured product has a coefficient of

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dynamic friction of 0.5 or less.

13. The cured product according to any one of claims 7 to 12, which has a release, non-adhesive function.

14. A laminate having the cured product composed of the  
5 polymer composition according to any one of claims 1 to 6 on a substrate film, in which a surface of the substrate has an arithmetical mean roughness of 0.5  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less and 1,000 projections/ $\text{m}^2$  or less of projections having a height of 0.2  $\mu\text{m}$   
10 to 2  $\mu\text{m}$ , and a surface of the cured product has an arithmetical mean roughness of 0.2  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less and 500 projections/ $\text{m}^2$  or less of projections having a height of 0.2  $\mu\text{m}$  to 2  $\mu\text{m}$ .

15. A method for producing a cured product, which comprises  
15 coating a substrate with the polymer composition according to any one of claims 1 to 6, and subjecting the composition to heat curing and/or photo-curing.

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